



Statewide Information Security

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ESRMO

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Enterprise Security

The Enterprise Security and Risk Management Office (ESRMO) exists to support a comprehensive statewide information security and risk management program that includes several areas of focus:

- Information Security Awareness
- Threat and Vulnerability Management
- Cyber Incident Management
- Risk and Business Continuity Management





Agency Security Liaisons

- Each agency is required by law to have a security liaison who acts as a primary point of contact to the State Chief Information Officer.
- Security liaisons coordinate requests for security information, ensure cyber security incidents are reported, and provide input to the Statewide Information Security Manual.
- The agency security liaison for OITS is Chip Moore.





Statewide Information Security Manual

- The Statewide Information Security Manual is the foundation for information technology security in North Carolina.
- The Manual contains the common policies and information security standards that all executive branch agencies must comply with and is based on ISO 27002 and references several NIST standards.
- The security standards within the Manual have been extensively reviewed by representatives of each executive branch agency and are continuously reviewed as needed.





Why Statewide Policies?

- G.S. §147-33.110 directs the State Chief Information Officer (State CIO) to establish a statewide set of standards for information technology security.
- The Statewide Information Security Manual is the baseline for information security for all agencies. While executive branch agencies are required to follow the statewide policy manual, each agency should have additional policies specific to its business and practice.
- While not mandated, local governments, LEAs, community colleges, constituent institutions of the University of North Carolina and other public agencies are encouraged to follow it.





Where is the Statewide Manual?

- The Statewide Information Security Manual is located on the State CIO's website at the following address:

<https://www.scio.nc.gov/mission/itPoliciesStandards.aspx>

- The manual consists of multiple chapters with several security standards in each chapter.





Statewide Manual Review

- There is an annual review process for the Statewide Information Security Manual. The review process usually begins with a survey to all agencies to gather input for possible changes to the manual.
- The ESRMO reviews suggestions and comments and recommends to the State CIO changes to policy manual. The updated manual is published on the State CIO's website.
- Questions, comments and suggestions are welcome at any time. Recommendations for change outside of the review period will be saved for the next review period.





Statewide Manual Review

Proposed Statewide Manual Format

- CHAPTER 1 – Classifying Data and Legal Requirements
- CHAPTER 2 – Securing the End User
- CHAPTER 3 – Securing the Network
- CHAPTER 4 – Securing Systems
- CHAPTER 5 – Physical Security
- CHAPTER 6 – Cyber Security Incident Response
- CHAPTER 7 – Business Continuity and Risk Management





Deviation Process

- A deviation is a situation in which an agency information technology resource is out of compliance with the Statewide Information Security Manual. A deviation may put information systems and/or data at risk of damage, loss or exposure.
- The deviation reporting process is intended to report deviations. *It is not designed to request a deviation!* There must be a compelling business need to allow a deviation.
- Every deviation report requires detailed information about the deviation and the signature of the application owner or IT Manager AND the agency security liaison before submission.
- The ESRMO processes all deviation reports. The State CIO ultimately approves or denies deviation reports.





Conclusion

- Please contact the ESRMO if you have any questions about the material presented:

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